APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 1

/

Hu MDC	MARLQTALLV	VLVLLAVALQ	ATEA	GPYGAN	MEDSVCCRDY	VRYRLPLRVV	50
Hu MCP-3	M-KASAALLC	LLLTAAAFSP	QGLA	QPVGIN	-TSTTCCYRF	INKKIPKQRL	48
Hu MCP-1	M-KVSAALLC	LLLIAATFIP	QGLA	QPDAIN	-APVTCCYNF	TNRKISVQRL	48
Hu MCP-2				QPD-SV	SIPITCCFNV	INRKIPIQRL	26
Hu RANTES	M-KVSAAALA	VILIATALCA	PASA	SPY-SS	-DTTPCCFAY	IARPLPRAHI	47
Hu MIP-1β	M-KLCVTVLS	LLMLVAAFCS	PALS	APM-GS	DPPTACCFSY	T-REASSNFV	47
Hu MIP-1α	M-QVSTAALA	VLLCTMALCN	QF-S	ASL-AA	DTPTACCFSY	TSRQIPQNFI	47
Hu I-309	MQIITTALVC	LLL-AGMWPE	DVDS	KS--MQ	VPFSRCCFSF	AEQEIPLRAI	47

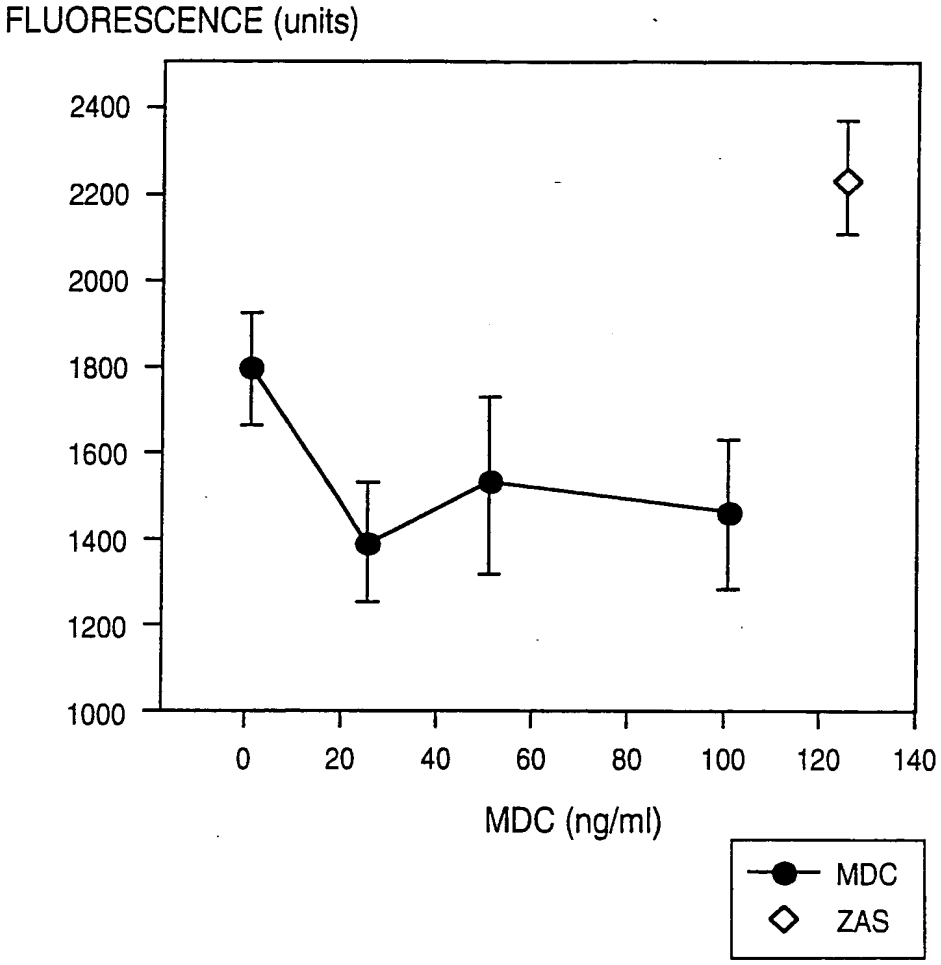
Hu MDC	KH-FYWTSDS	CPRPGVVLLT	FRDKEICADP	RVPWVKMILN	KLSQ	93
Hu MCP-3	ESYRRTTSSH	CPREAVIFKT	KLDKEICADP	TQKWVQDFMK	HLDKKTQTPKL	99
Hu MCP-1	ASYRRITSSK	CPKEAVIFKT	IVAKEICADP	KQKWVQDSMD	HLDKQTQTPKT	99
Hu MCP-2	ESYTRITNIQ	CPKEAVIFKT	KRGKEVCADP	KERWVRDSMK	HLDQIFQNLKP	76
Hu RANTES	KEYFY-TSGK	CSNPAVVFVT	RKNRQVCANP	EKKWVREYIN	SLEMS	91
Hu MIP-1β	VDY-YETSSL	CSQPAVVFQT	KRSKQVCADP	SESWVQEYVY	DLELN	91
Hu MIP-1α	ADYF-ETSSQ	CSKPGVIFLT	KRSRQVCADP	SEEWVQKYVS	DLELSA	92
Hu I-309	LCY-RNTSSI	CSNEGLIFKL	KRGKEACALD	TVGWVQRHRK	MLRHCPSKRK	96

SUBSTITUTE SHEET (RULE 26)

09/509165

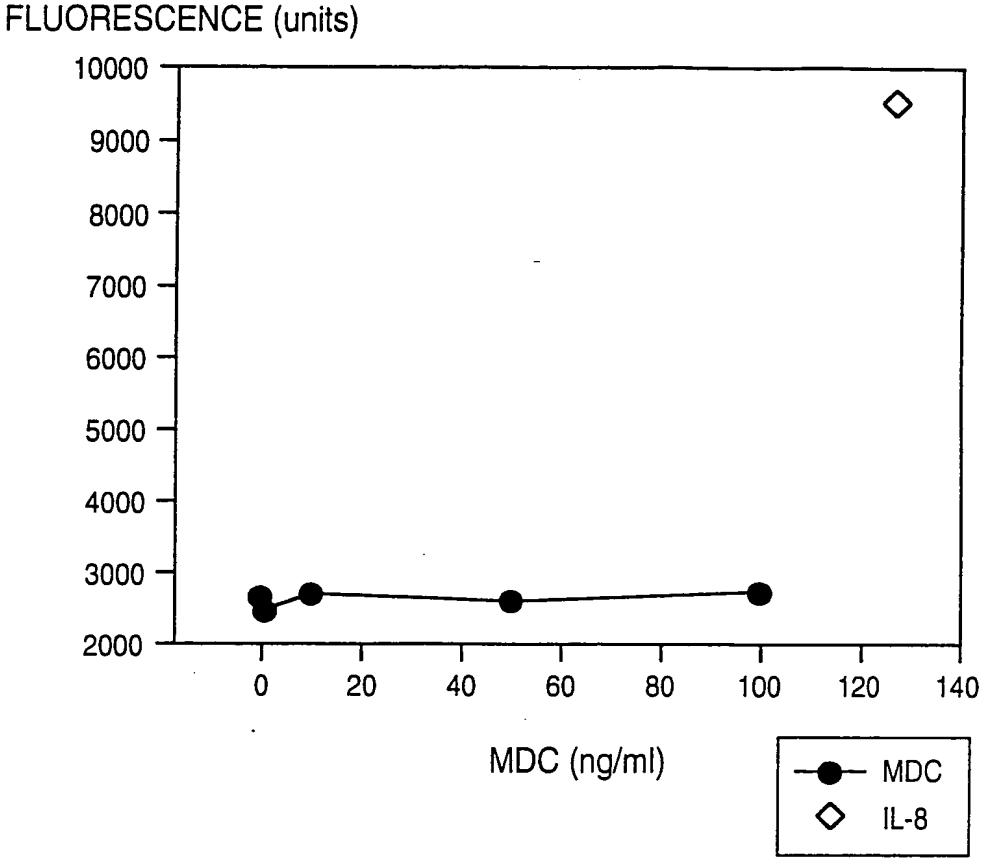
APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS
SUBCLASS

FIG. 2



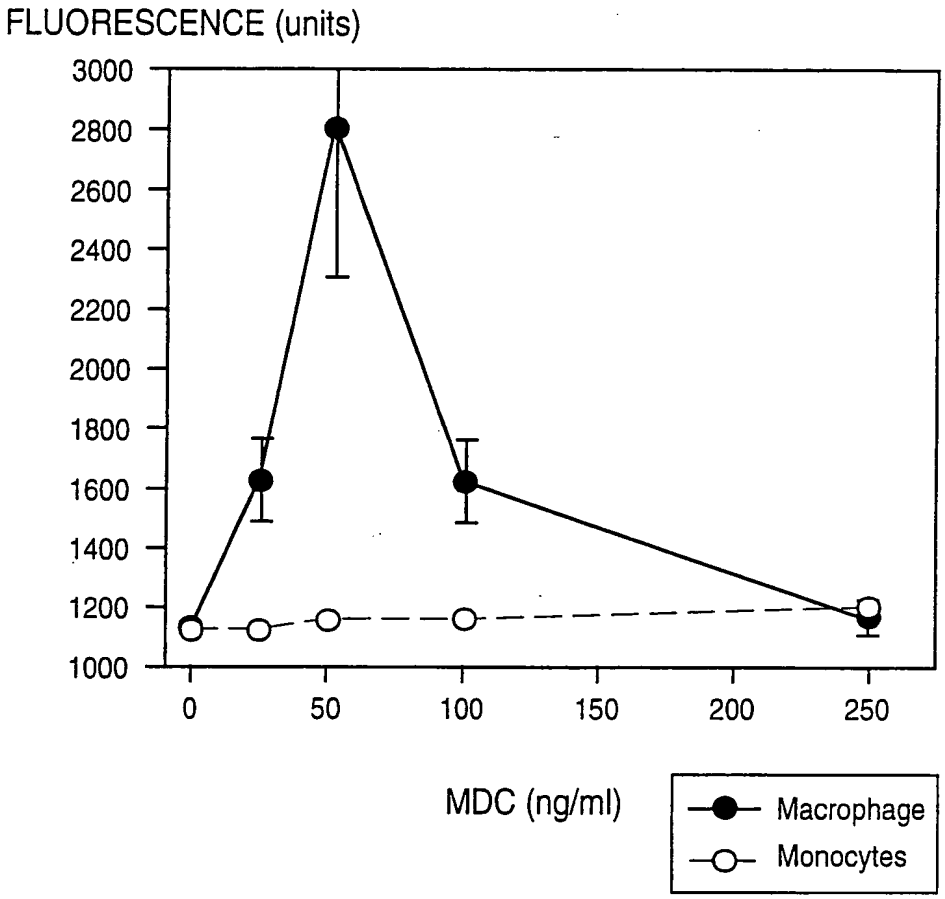
APPROVED O.G. FIG. BY CLASS SUBCLASS DRAFTSMAN

FIG. 3



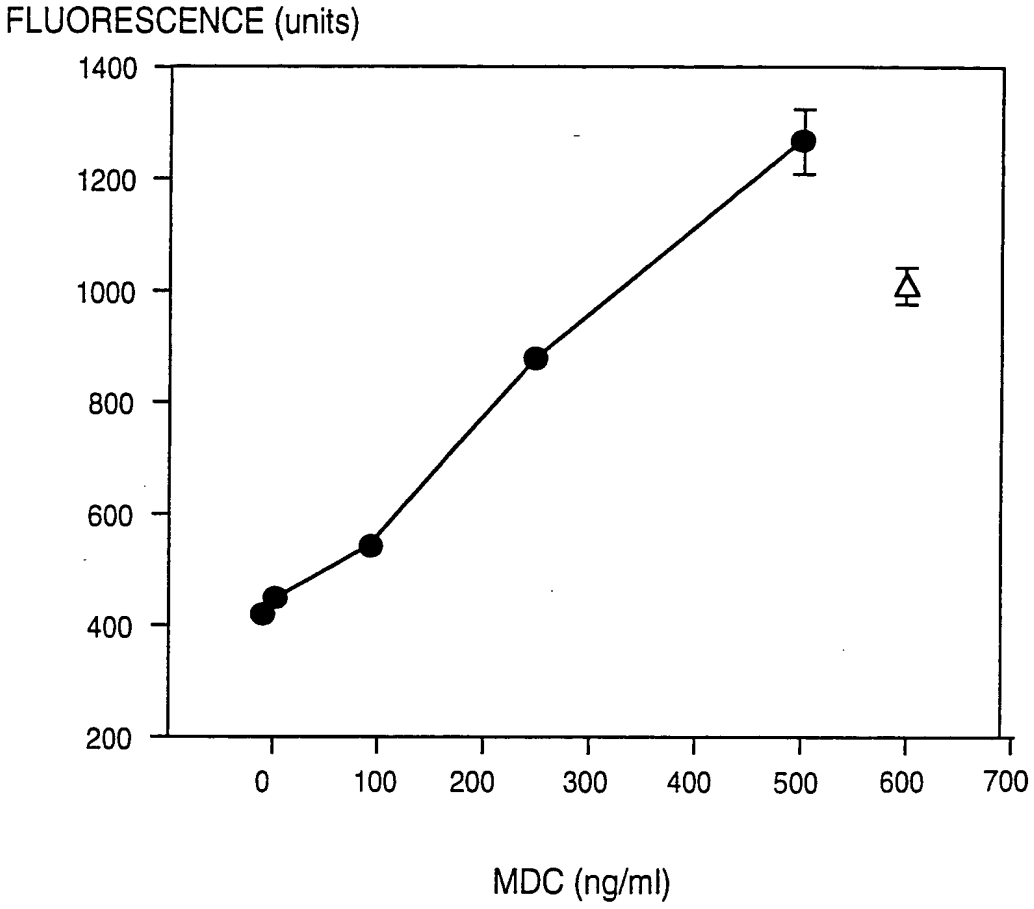
APPROVED O.G. FIG.
BY
DRAFTSMAN
CLASS
SUBCLASS

FIG. 4



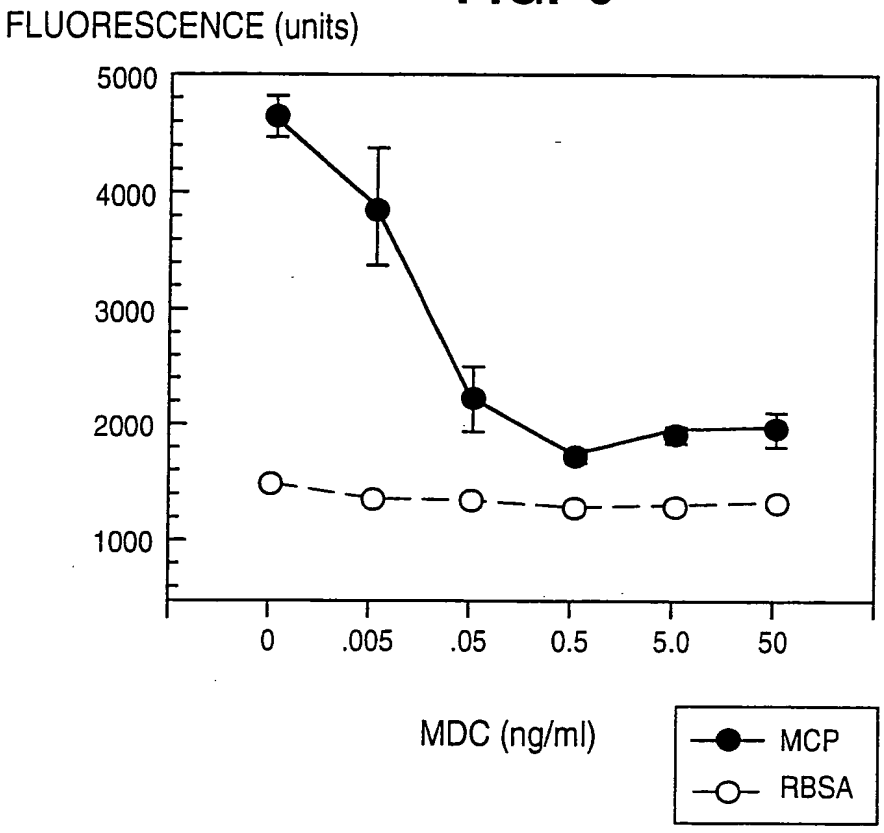
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 5



APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

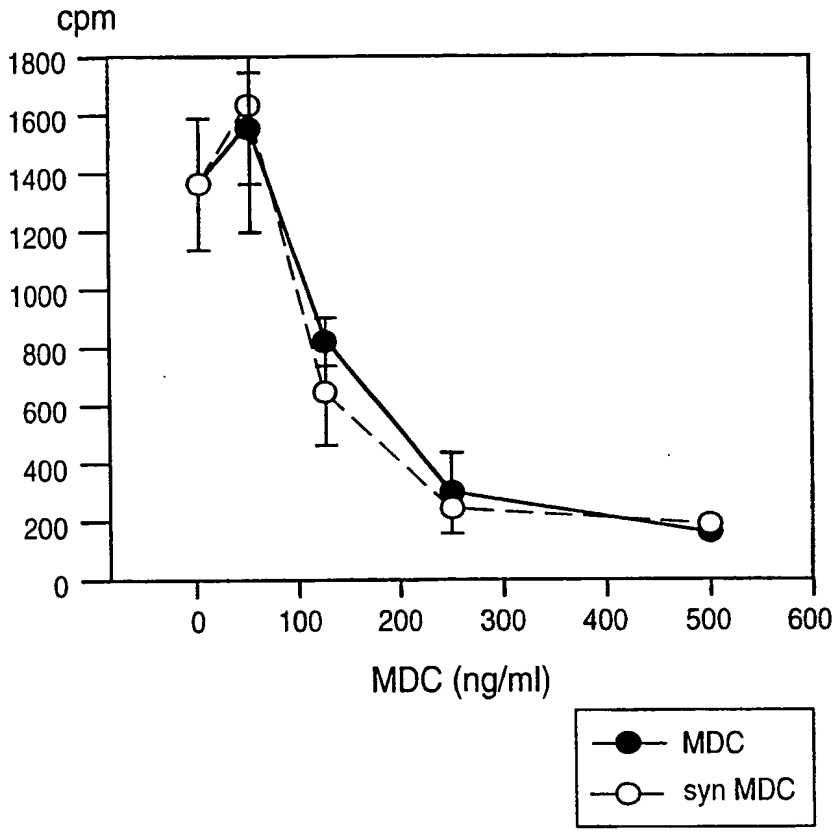
FIG. 6



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 7

Effects of MDC on fibroblast proliferation



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

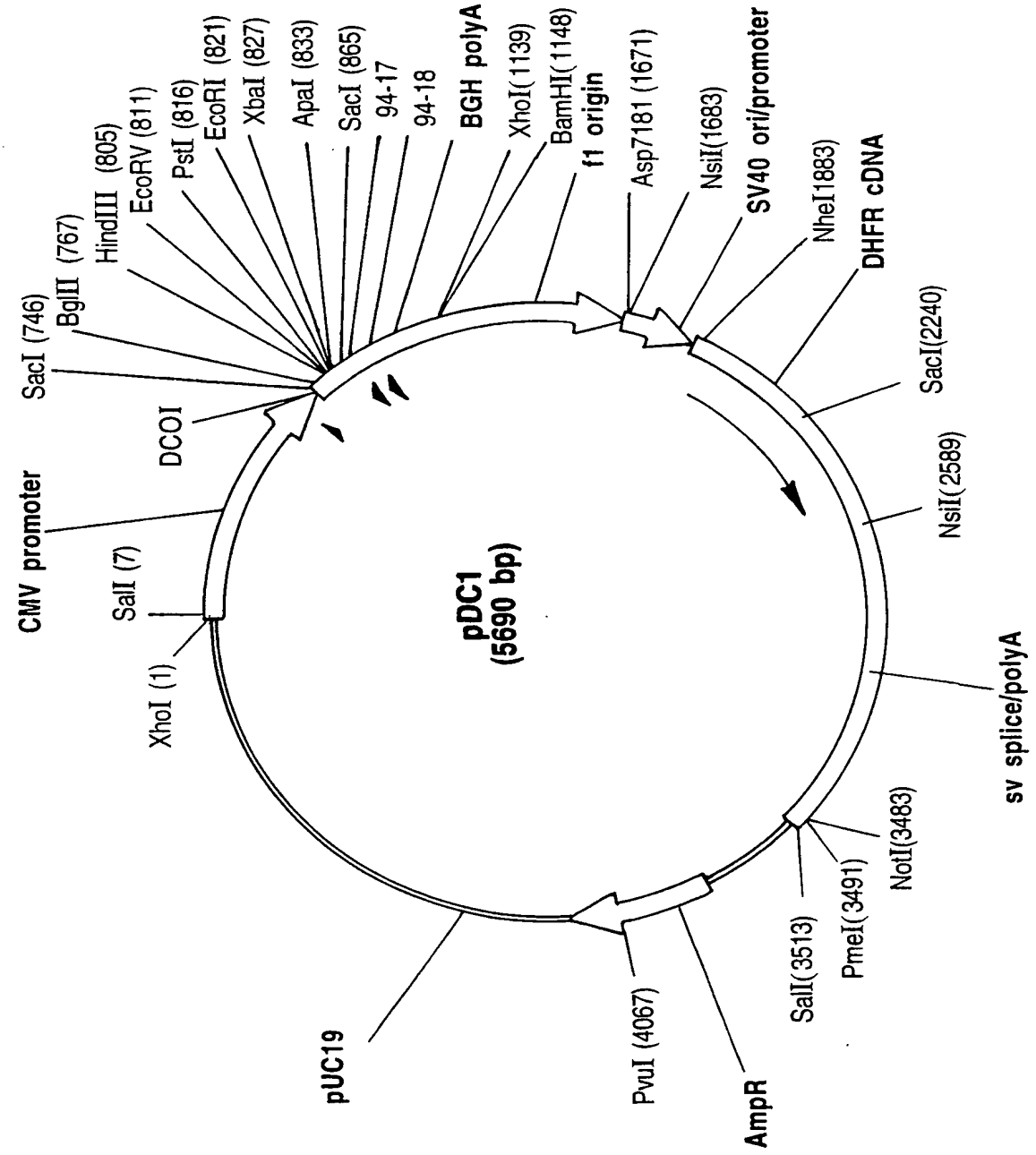


FIG. 8

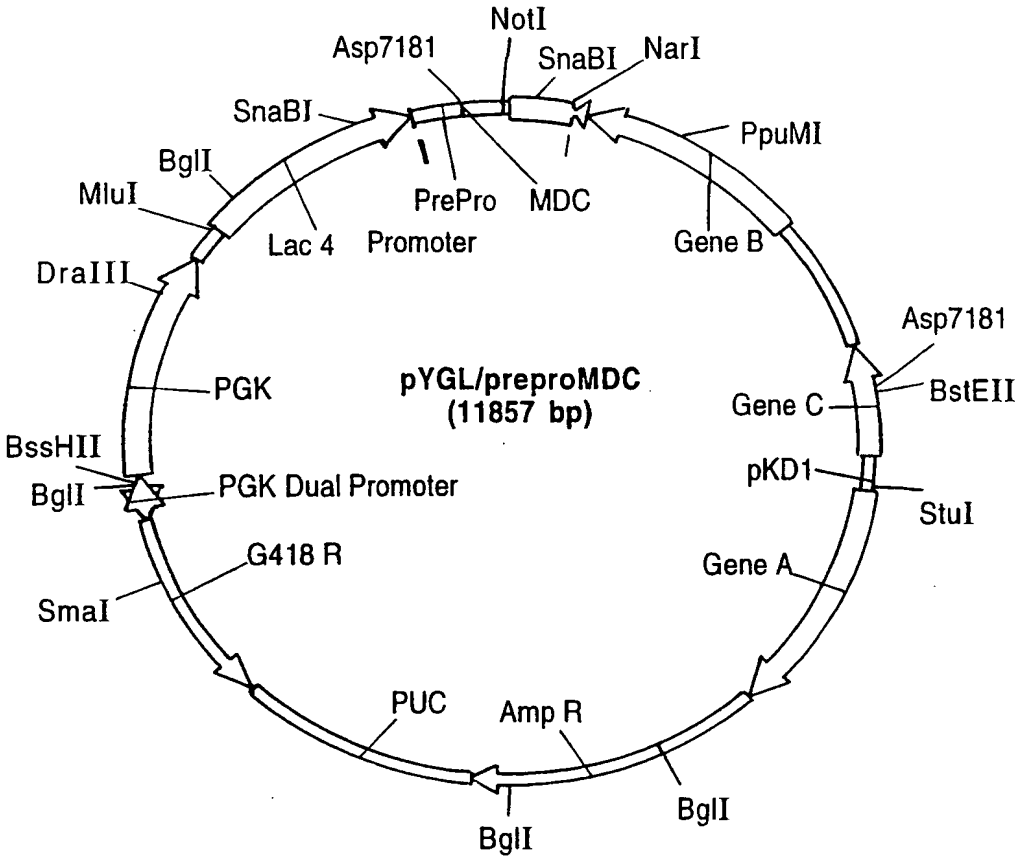
APPROVED O.G. FIG. CLASS SUBCLASS BY DRAFTSMAN

FIG. 9

```
  1 atctcgagct cacg ATG AGA TTT CCT TCA ATT TTT ACT GCA GTT TTA TTC
    tagagctcga gtgc TAC TCT AAA GGA AGT TAA AAA TGA CGT CAA AAT AAG

                  1▶Met Arg Phe Pro Ser Ile Phe Thr Ala Val Leu Phe
 51 GCA GCA TCC TCC GCA TTA GCT GCT CCA GTC AAC ACT ACA ACA GAA GAT
    CGT CGT AGG AGG CGT AAT CGA CGA GGT CAG TTG TGA TGT TGT CTT CTA

 13▶Ala Ala Ser Ser Ala Leu Ala Ala Pro Val Asn Thr Thr Thr Glu Asp
 99 GAA ACG GCA CAA ATT CCG GCT GAA GCT GTC ATC GGT TAC TTA GAT TTA
    CTT TGC CGT GTT TAA GGC CGA CTT CGA CAG TAG CCA ATG AAT CTA AAT

 29▶Glu Thr Ala Gln Ile Pro Ala Glu Ala Val Ile Gly Tyr Leu Asp Leu
                              alpha Factor PrePro
147 GAA GGG GAT TTC GAT GTT GCT GTT TTG CCA TTT TCC AAC AGC ACA AAT
    CTT CCC CTA AAG CTA CAA CGA CAA AAC GGT AAA AGG TTG TCG TGT TTA

 45▶Glu Gly Asp Phe Asp Val Ala Val Leu Pro Phe Ser Asn Ser Thr Asn
195 AAC GGG TTA TTG TTT ATA AAT ACT ACT ATT GCC AGC ATT GCT GCT AAA
    TTG CCC AAT AAC AAA TAT TTA TGA TGA TAA CGG TCG TAA CGA CGA TTT

 61▶Asn Gly Leu Leu Phe Ile Asn Thr Thr Ile Ala Ser Ile Ala Ala Lys
               Asp7181                      Mature MDC Start
243 GAA GAA GGG GTA CCT TTG GAT AAA AGA GGC CCC TAC GGC GCC AAC ATG
    CTT CTT CCC CAT GGA AAC CTA TTT TCT CCG GGG ATG CCG CGG TTG TAC

 77▶Glu Glu Gly Val Pro Leu Asp Lys Arg Gly Pro Tyr Gly Ala Asn Met
291 GAA GAC AGC GTC TGC TGC CGT GAT TAC GTC CGT TAC CGT CTG CCC CTG
    CTT CTG TCG CAG ACG ACG GCA CTA ATG CAG GCA ATG GCA GAC GGG GAC

 93▶Glu Asp Ser Val Cys Cys Arg Asp Tyr Val Arg Tyr Arg Leu Pro Leu
339 CGC GTG GTG AAA CAC TTC TAC TGG ACC TCA GAC TCC TGC CCG AGG CCT
    GCG CAC CAC TTT GTG AAG ATG ACC TGG AGT CTG AGG ACG GGC TCC GGA

109▶Arg Val Val Lys His Phe Tyr Trp Thr Ser Asp Ser Cys Pro Arg Pro
387 GGC GTG GTG TTG CTA ACC TTC AGG GAT AAG GAG ATC TGT GCC GAT CCC
    CCG CAC CAC AAC GAT TGG AAG TCC CTA TTC CTC TAG ACA CGG CTA GGG

125▶Gly Val Val Leu Leu Thr Phe Arg Asp Lys Glu Ile Cys Ala Asp Pro
435 AGA GTG CCC TGG GTG AAG ATG ATT CTC AAT AAG CTG AGC CAA TGA
    TCT CAC GGG ACC CAC TTC TAC TAA GAG TTA TTC GAC TCG GTT ACT

141▶Arg Val Pro Trp Val Lys Met Ile Leu Asn Lys Leu Ser Gln •••
                 NotI
480 AGGCCTtcta gaGCGGCCGC ATCGATA
    TCCGGAagat ctCGCCGGCG TAGCTAT
```

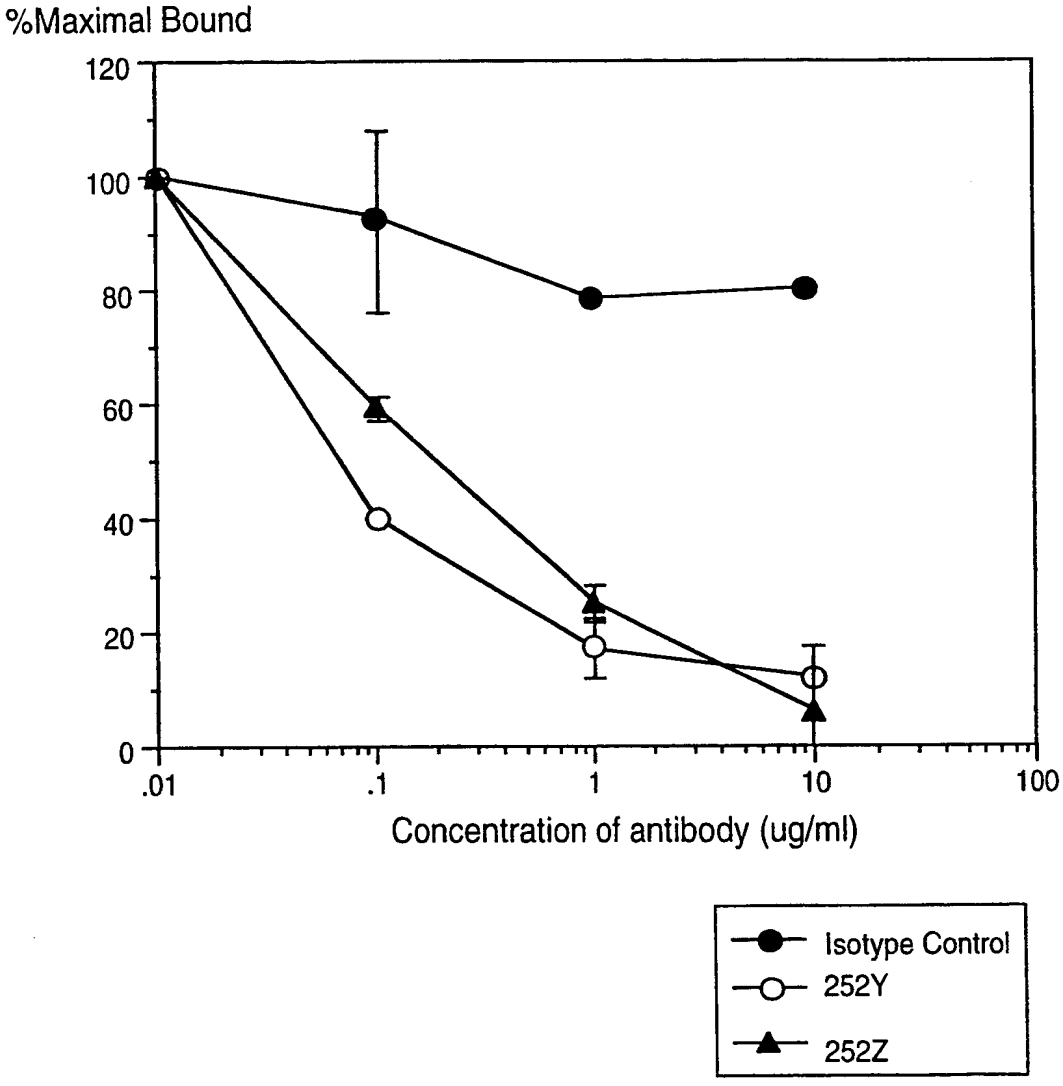
APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS
SUBCLASS

FIG. 10



APPROVED BY DRAFTSMAN O.G. FIG. CLASS SUBCLASS

FIG. 11



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

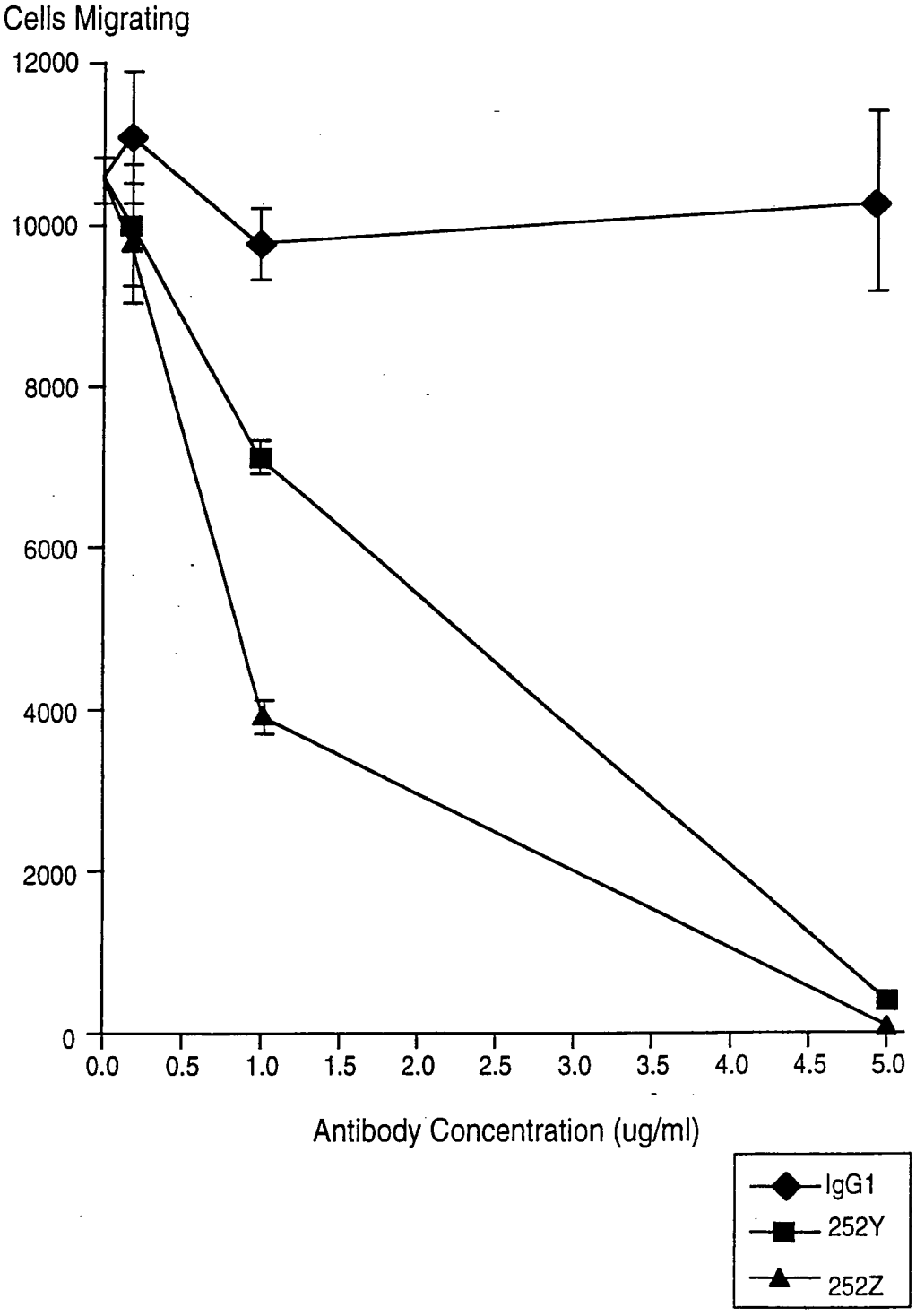



FIG. 12